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|-------------------------------|----------------------------|---------------------|--|
| <b>Notice of Allowability</b> | <b>Application No.</b>     | <b>Applicant(s)</b> |  |
|                               | 10/508,773                 | FUJII ET AL.        |  |
|                               | Examiner<br>David C. Reese | Art Unit<br>3677    |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 5 January 2007.
2.  The allowed claim(s) is/are 1-3, 10, 11, 17 and 18.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All      b)  Some\*      c)  None      of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
|---|---|

## **DETAILED ACTION**

THIS OFFICE ACTION IS IN RESPONSE TO APPLICANT'S AMENDMENT FILED 1/5/2007.

### *Status of Claims*

- Claims 4-9, 12-16, and 19 are canceled.
- Claims 1-3, 10-11, and 17-18 were amended.
- Claims 1-3, 10-11, and 17-18 are pending.

### *Claim Objections*

[1] Applicant has addressed all objections to the Claims in the amendment filed 1/5/2007.

Accordingly, all objections to the disclosure have been withdrawn by the Examiner.

### *Claim Rejections - 35 USC § 112*

[2] Applicant has addressed all rejections under 35 USC § 112 to the Claims in the amendment filed 1/5/2007. Accordingly, the Examiner has withdrawn the 35 USC § 112 rejections.

### *Response to Arguments*

[3] Applicant amendment filed 1/5/2007 regarding rejections under 35 U.S.C. 102 have been fully considered. Due to the amendment to the claims, the prior art fails to further anticipate. Accordingly, the Examiner has withdrawn all previous rejections over Pearson.

### *Allowable Subject Matter*

[4] Claims 1-3, 10-11, and 17-18 are allowed.

### *Reasons for Allowance*

[5] The following is an examiner's statement of reasons for allowance. This application has been reviewed by the examiner and meets all formal and substantive (i.e., statutory) requirements

and the language of the claims is enabled by, and finds adequate descriptive supported in the application disclosure as originally filed.

The primary reason for the allowance of the claims is the presence of limitations in the independent claims, which are not found in the prior art references. The examiner believes that the record of the prosecution as a whole makes clear his reasons for allowing a claim or claims. However, the examiner would like to point out one or more specific reasons and/or limitations that the prior art fails to disclose and/or make obvious. Hence, the prior art fails to disclose of a combination of a multi-pitch screw and a multi-pitch nut, said multi-pitch screw and multi-pitch nut comprising a thread of a male screw and a thread of a female screw, respectively, each having both sides of their respective thread formed such that sections having a mild lead angle and sections having a steep lead angle are arranged alternately, continuously and stepwisely during a single turn along a spiral line.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee, and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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*Conclusion*

[6] Any inquiry concerning this communication or earlier communications from the examiner should be directed to David C. Reese whose telephone number is (571) 272-7082. The examiner can normally be reached on 7:30 am-6:00 pm Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, J.J. Swann can be reached at (571) 272-7075. The fax number for the organization where this application or proceeding is assigned is the following: (571) 273-8300.

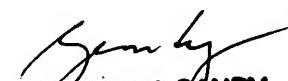
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

David Reese  
Assistant Examiner  
Art Unit 3677

DCR



7/7/07



ROBERT J. SANDY  
PRIMARY EXAMINER